

Product Name: WNT10B Mouse Monoclonal Antibody
Catalog #: AMM80777



Summary

Production Name	WNT10B Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	WNT10B
Alternative Names	SHFM6; WNT-12
Gene ID	7480.0
SwissProt ID	O00744.Purified recombinant fragment of human WNT10B expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,ELISA:1:10000
Molecular Weight	43kDa

Background

WNT10B: wingless-type MMTV integration site family, member 10B. The WNT family consists of structurally related

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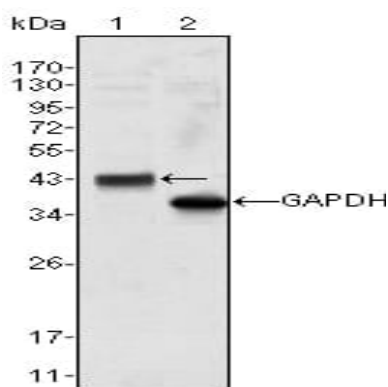


secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT10B is a member of the WNT gene family. It may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10B protein at the amino acid level. The WNT10B gene is clustered with another family member, WNT1, in the chromosome 12q13 region.

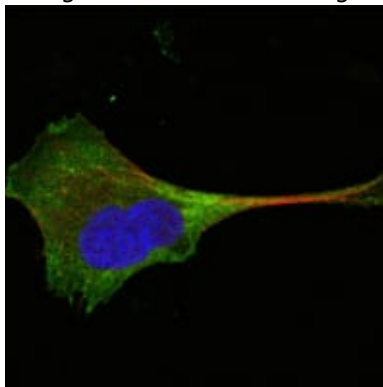
Research Area

Wnt signaling pathway

Image Data

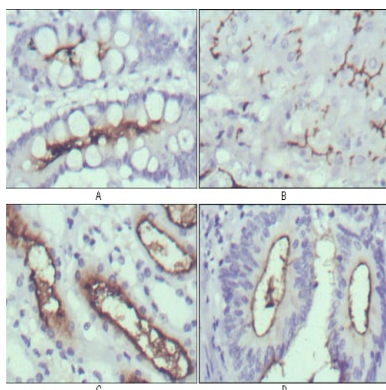


Western blot analysis using WNT10B mouse mAb against Hela cell lysate (1).



Confocal Immunofluorescence analysis of PANC-1 cells using WNT10B mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

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Immunohistochemical analysis of paraffin-embedded human normal stomach (A), normal liver (B), normal kidney (C) and rectum cancer tissues (D) using WNT10B mouse mAb with DAB staining.

Note

For research use only.